

Title (en)
CARDIAC VALVULAR BIOPROSTHESIS AND THE METHOD OF MANUFACTURE THEREOF

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EP 0071610 B1 19860312 (EN)

Application
EP 82900160 A 19811202

Priority
RO 10329481 A 19810204

Abstract (en)
[origin: WO8202829A1] A cardiac valvular bioprosthesis is made of a biologic material (aortic valva of wild boar, bear or other animal) of a special structure which is applied on metallic support (2) or plastic material by means of connection stratum (3) of knitted textile material and the fixation on the heart is accomplished by means a ring (4) of textile material, plastic or silicone rubber. The support (2) for the bioprosthesis is made of a basis (A) and a superstructure (B). The basis (A) has a circular form with a diameter according to the diameter of the prosthesis which must be replaced and, on the circumference, presents a tube (b) of 1-2 mm, interrupted by some resistance pills (c), of which some in the middle of the flanks (d) and the others in the middle of the curve between the two flanks. Further is described a proceeding of achievement of cardiac valvular bioprosthetics.

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CPC (source: EP)
A61F 2/2409 (2013.01); **A61F 2/2418** (2013.01)

Citation (examination)
• GB 1264471 A 19720223
• GB 1264472 A 19720223
• US 4172295 A 19791030 - BATTEN RICHARD J [US]
• US 4035849 A 19770719 - ANGELL WILLIAM W, et al
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• US 3755823 A 19730904 - HANCOCK W

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WO 8202829 A1 19820902; EP 0071610 A1 19830216; EP 0071610 B1 19860312; IT 1140088 B 19860924; IT 8125358 A0 19811130; RO 78309 A2 19830201; RO 78309 B1 19830130

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